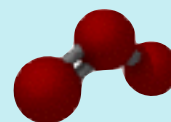


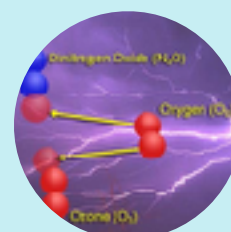
# Chemistry Club

We have all the solutions.



## Did You Know?

Ozone, the  $O_3$  molecule that acts like a protective stratospheric blanket against ultraviolet rays, is created in nature by lightning. When lightning strikes, the lightning electrically excites the oxygen molecules in the atmosphere, cracking them into radicals which reform into ozone. The smell of ozone is very sharp, often described as similar to that of chlorine. This is why you get that “clean” smell sensation after a thunderstorm.



## Steps to Joining Chemistry Club:

1. Attain a chemistry club application. This can be attained in the Science Learning Center (LS 122) or the Chemistry Club (CHEM 223).
2. Complete the form, being sure to include your full name, PID, a good phone number and email address, and activities you would be interested in participating in.
3. You can turn the form in to the Chemistry Club Room (CHEM 223), Dr. David Dillon, or a Chemistry Club officer at any time.

1

### DO I HAVE TO BE A CHEM MAJOR?

All majors are welcome! We are always looking for members that can expand our club further than the Chemistry Building's walls!

2

### WHAT IF I'M NOT GOOD AT CHEMISTRY?

Our club offers several resources guaranteed to help you succeed in chemistry. If you are not looking to learn chemistry, we aren't asking you to!

3

### I DON'T HAVE TIME...

We totally understand! There is no required time commitment to be in chemistry club. We are here to help you achieve your goals – no obligations.

## This Week's Meeting:

### Outreach Success and Future Events

Great job, Devin and Sarah, and thank you for your participation in ChemClub's Student Outreach Project featuring East High School. Students, as well as East High's chemistry teacher — Martin Sojka, were all completely engaged in the *Elephant Toothpaste* Experiment, where you exposed concepts of catalysts, exothermic/endothermic reactions, activation energy, and decomposition. Thank you for sharing your passion!

Faculty Member	Student
Drulinger, Bonetti	Sarah, Diego
Cranswick	Katie, Brittany
Farrer	Kaitlin, Keenan
Bhomwick	Devin, Sean
Velasco	Nich

In this week's meeting, information regarding upcoming events were discussed. This Thursday, September 27th, ChemClub will be taking a tour of Pueblo's Wastewater Treatment Facility from 8:30 A.M. to 11:00 A.M. In addition to the wastewater facility, ChemClub will be taking a tour of Cripple Creek's Mollie Kathleen Gold Mine on Saturday, September 29th. Please meet at the school at 9:00 A.M., so that we have enough transportation time for our 11:00 A.M. tour. Lastly, in lieu of District 60/70's Fridays in school, the Pueblo's Rawlings Library is hosting a Fun Friday for students; Dr. Velasco is planning to redo the ACS Program in a Box for these students. If you are interested in attending any of these activities, please email Nich at "[thisfuzz738@gmail.com](mailto:thisfuzz738@gmail.com)."

Let's not forget that Chem Day is approaching! So far, the following schools have registered: Fowler, Cañon City, Centennial. If you signed up to participate in this event, please find your name in the table above next to the faculty member you will be working with. If anyone else is still interested in participating, please let us know!

Our next meeting will be Thursday, September 27th from 4:00 P.M. to 5:00 P.M.

### IMPORTANT DATES

Wastewater Treatment Plant: September 27th at 8:30 A.M. - 11:00 A.M.

Mollie Kathleen Mine: September 29th at 9:00 A.M.

Denver Museum of Nature and Science: October 20th

ACS Program in a Box: October 23rd at 5:30 P.M.

Chem Day: Thursday, October 25th from 9:00 A.M. to 12:00 P.M.

Pueblo West High School Student Outreach: November, Date TBD

High School Tutoring: Every Friday from 1:00 P.M. to 3:00 P.M.



## Attendance

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Nicholas Androes — President

Keenan Wyatt — Vice President

Kaitlin Diodosio — Secretary/Treasurer

Sarah Lira — Member at Large

Diego Duran

Cameron Collins

Brittany Mullen

Mikelah Susuki

Sean Love

Jonathan Hammon

Devin Trujillo

Katie Richardson

Dr. David Dillon — Sponsor



**Great Job!**

## Sign Up

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[Wastewater Treatment Plant](#)

[Mollie Kathleen Mine](#)

[Friday Tutoring](#)

[Halloween Haunted House](#)

Kaitlin Diodosio, Mikelah Susuki, Keenan Wyatt, Sean Love, Devin Trujillo, Nich Androes

[Chem Day](#)

Nich Androes, Devin Trujillo, Sean Love, Keenan Wyatt, Katie Richardson, Brittany Mullen, Sarah Lira, Kaitlin Diodosio